

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
PCT APPLICATION

#4/A
9-2801

Applicant: Corning Incorporated

: RESPONSE TO WRITTEN
OPINION

Serial No.: PCT/US99/29225

Filing Date: 09 December 1999

For: TANTALA DOPED WAVEGUIDE AND
METHOD OF MANUFACTURE

Assistant Commissioner of Patents and Trademarks
Box PCT
Washington, D.C. 20231

Dear Sirs:

In response to the Written Opinion dated 21 September 2000, applicant, in accord with PCT Rule 66.3, asks that the following amendment be entered and considered before issue of the Preliminary Examination Report.

AMENDMENT TO CLAIMS

17. (amended) A glass for use in the core of an optical waveguide fiber comprising:
SiO₂; and,

by weight on an oxide basis after consolidation, between about 2% non-crystallized Ta₂O₃ to 5% non-crystallized Ta₂O₃, wherein the attenuation of said optical waveguide fiber at 1550 nm is less than 0.25 dB/km.

Please cancel claim 23.